

Notice of Allowability

Application No.

09/610,748

Examiner

Jeremy R. Pierce

Applicant(s)

KIM PH. D. ET AL.

Art Unit

1771

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the After-final Amendment filed on November 5, 2004.
2. ☒ The allowed claim(s) is/are 93-99, 104, 105 and 113-116.
3. ☒ The drawings filed on 06 July 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Elizabeth M. Cole
ELIZABETH M. COLE
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Please amend the claims in accordance with the attachment starting on the next page:

AMENDMENT TO THE CLAIMS

Claims 1-92 (cancelled)

93. (Previously Presented) A fabric assembly comprising:
a flexible substrate having a top surface;
a plurality of polymeric resin plates having substantially uniform thickness of approximately 5 to 20 mils; the plurality of plates affixed to the top surface of the flexible substrate and arrayed in a pattern such that a plurality of continuous gaps are defined between adjacent plates, wherein the gaps are approximately uniform in width; and
a wire mesh embedded in each plate and completely covered by the top surface by each plate.
94. (Previously Presented) The fabric assembly of claim 93 wherein the plate thickness is approximately 10 to 12 mils.
95. (Previously Presented) The fabric assembly of claim 93 wherein the gap width is approximately 7 mils.
96. (Previously Presented) The fabric assembly of claim 93 wherein the polymeric resin comprises epoxy resin.
97. (Previously Presented) The fabric assembly of claim 93 wherein the plurality of plates each are shaped as identical equilateral hexagons.
98. (Previously Presented) The fabric assembly of claim 97 wherein the hexagons are approximately 60 mils in diameter.
99. (Previously Presented) The fabric assembly of claim 93 wherein the wire mesh is stainless steel.

Claims 100-103 (cancelled)

104. (Previously Presented) A fabric assembly comprising:

- a first flexible substrate having a first plurality of continuous, non-overlapping plates affixed to a top surface of the first flexible substrate;
- a second flexible substrate having a second plurality of continuous, non-overlapping plates affixed to a top surface of the second flexible substrate; and
- a third flexible substrate having a third plurality of continuous, non-overlapping plates affixed to a top surface of the third flexible substrate, wherein the flexible substrates are arranged in a stack, and wherein each plurality of plates is arrayed in a pattern such that a plurality of gaps are defined between adjacent affixed plates, wherein each plate is an equilateral hexagon made of polymeric resin, wherein each plurality of gaps is approximately uniform in width in the range of about 5 mils to 20 mils, and wherein each equilateral hexagon has an approximately uniform thickness in the range of about 5 mils to 20 mils, and wherein one of the pluralities of plates have a larger gap width and plate diameter than the other two pluralities of plates.

105. (Previously Presented) The fabric assembly of claim 104 wherein the other two pluralities of plates each have a plate diameter in a range of 60 to 80 mils.

Claims 106-112 (cancelled)

113. (new) The fabric assembly of claim 104, wherein at least one

of the substrates comprises polyester.

114. (new) The fabric assembly of claim 104, wherein at least one of the substrates comprises nylon.

115. (new) The fabric assembly of claim 104, wherein at least one of the pluralities of plates comprises epoxy resin.

116. (new) A glove comprising the fabric assembly of claim 104.

Claims 117-121 ~~(cancelled)~~

not entered

*GRP
11/16/04*

Allowable Subject Matter

2. Claims 93-99, 104, 105, and 113-116 are allowed.

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeremy R. Pierce whose telephone number is (571) 272-1479. The examiner can normally be reached on Monday-Thursday 7-4:30 and alternate Fridays 7-4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Terrel Morris can be reached on (571) 272-1478. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JRP

JRP
November 16, 2004


ELIZABETH M. COLE
PRIMARY EXAMINER